Small Business Innovation Research/Small Business Tech Transfer

Alternative Hydrocarbon Propulsion for Nano / Micro Launch Vehicle, Phase II



Completed Technology Project (2013 - 2015)

Project Introduction

LOX/propylene

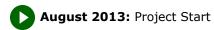
Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Туре	Location
Garvey Spacecraft	Lead	Industry	Long Beach,
Corporation	Organization		California
• Kennedy Space	Supporting	NASA	Kennedy Space
Center(KSC)	Organization	Center	Center, Florida

Primary U.S. Work Locations	
California	Florida

Project Transitions





Alternative Hydrocarbon Propulsion for Nano / Micro Launch Vehicle, Phase II

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August 2015: Closed out

Closeout Documentation:

• Final Summary Chart(https://techport.nasa.gov/file/137322)

Images



Briefing Chart

Alternative Hydrocarbon Propulsion for Nano / Micro Launch Vehicle, Phase II (https://techport.nasa.gov/imag e/128429)

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Organization:

Garvey Spacecraft Corporation

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

Christopher M Bostwick

Co-Investigator:

Christopher Bostwick

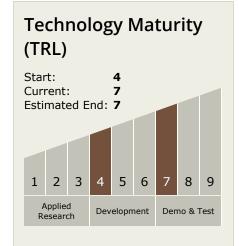


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Technology Areas

Primary:

- TX01 Propulsion Systems
 □ TX01.1 Chemical Space
 Propulsion
 □ TX01.1.2 Earth
 Storable
- **Target Destinations**

The Moon, Mars, Outside the Solar System, The Sun, Earth, Others Inside the Solar System

